

Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

©2011. Japan Geoscience Union. All Rights Reserved.



MIS036-P177

Room:Convention Hall

Time:May 27 14:15-16:15

Sedimentation in Oarai Sun-beach attacked by the 2011 off the Pacific Coast of Tohoku Earthquake 2011

Yasuhiko Makino^{1*}

¹Faculty of Education, Ibaraki Univ.

The Oarai Sun Beach in Ibaraki Pacific coast was attacked by the tsunami which was happened by the 2011 off the Pacific Coast of Tohoku Earthquake. This flat beach is 1km wide and 400m long in the land-seaward direction. This beach consists of very fine and fine sand, and is a prograding coast. After the earthquake, at first, high-energy currents of the tsunami attacked the coast to N-NNE direction. Subsequently return flows form erosional depressions. T

Keywords: the 2011 off the Pacific Coast of Tohoku Earthquake, tsunami sedimentation, Oarai Sun-beach, Ibaraki Prefecture